

## ABSTRACT

This invention relates to a directed reflection light collecting device with planar reflectors, wherein a number of planar reflectors are arranged on a frame in mutual parallel. This frame is rotatably supported via a transversal main turning shaft on the supports of an azimuth angle adjusting mechanism. The altitudinal angle adjusting mechanism drives the frame in a controlled manner causing the planar reflectors on it to move. In this invention, the altitudinal angle of a number of planar reflectors is synchronized via a simple frame structure so that they can always project the reflected sunlight in a substantially fixed direction into the given area in conjunction with the azimuth angle adjusting mechanism.